

FIG. 1

DVD_RTR DIRECTORY (DVD_RTAV)

VMG (RTR_VMG)	RTR VIDEO MANAGER INFORMATION (VMGI OR RTR_VMGI)
	MOVIE AV FILE INFORMATION TABLE (M_AVFIT)
	STILL PICTURE AV FILE INFORMATION TABLE (S_AVFIT)
	ORIGINAL PGC INFORMATION (ORG_PGC I)
	USER DEFINED PGC INFORMATION TABLE (UD_PGCIT)
	TEXT DATA MANAGER (TXTDT_MG)
	MANUFACTURE'S INFORMATION TABLE (MNFIT)
	VIDEO DATA OF VMG MENU (VMGM_VOBS)
	BACKUP OF RTR_VMGI
ONE VTS	MANAGEMENT DATA OF VTS (VTSI=RTR_VMGI)
	VIDEO DATA OF VTS MENU (VTSM_VOBS=VMGM_VOBS)
	VIDEO DATA OF VTS (VTSTT_VOBS OR PROGRAM(S))
	BACKUP OF VTSI (=BACKUP OF RTR_VMGI)

FIG. 2

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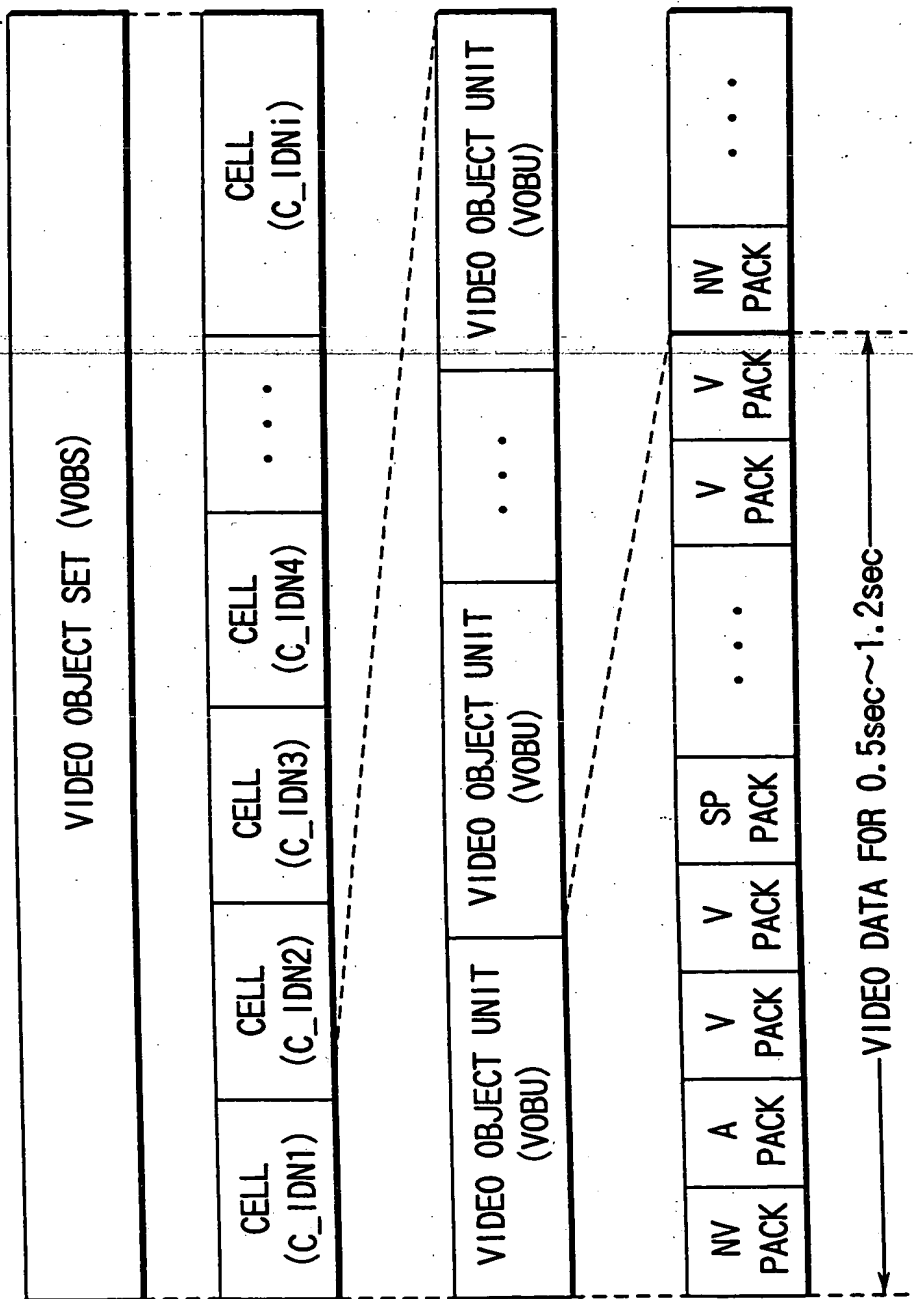


FIG. 3

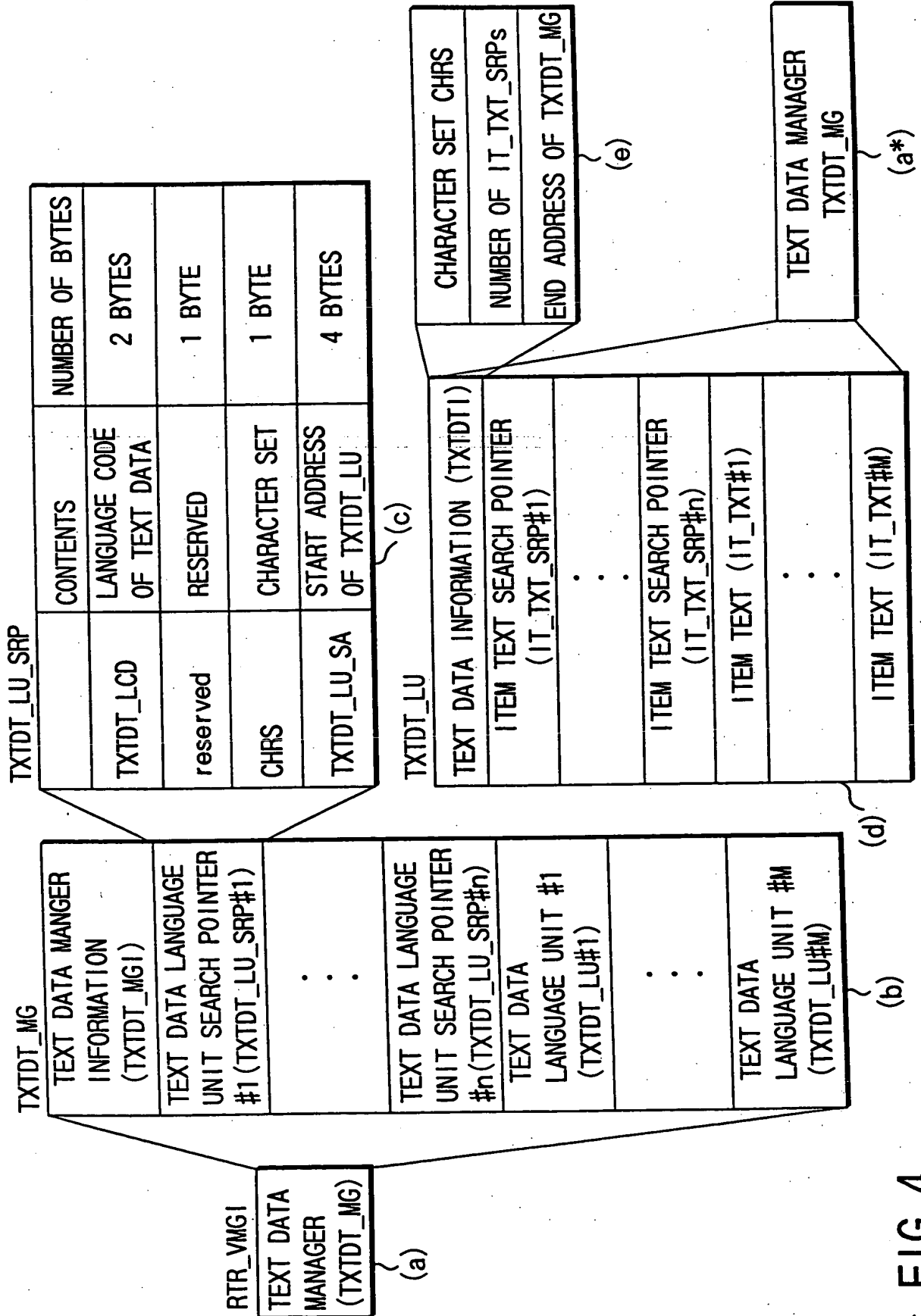


FIG.4

207020" 2920900T

TXTDT_LU_SRP

	CONTENTS	NUMBER OF BYTES
TXTDT_LCD	LANGUAGE CODE OF PRIMARY TEXT DATA	2 BYTES
reserved	RESERVED	1 BYTE
CHRS	CHARACTER SET	1 BYTE
TXTDT_LU_SA	START ADDRESS OF TXTDT_LU	4 BYTES
OPTION_TXTDT_LCD	LANGUAGE CODE OF OTHER TEXT DATA	2 BYTES

FIG. 5

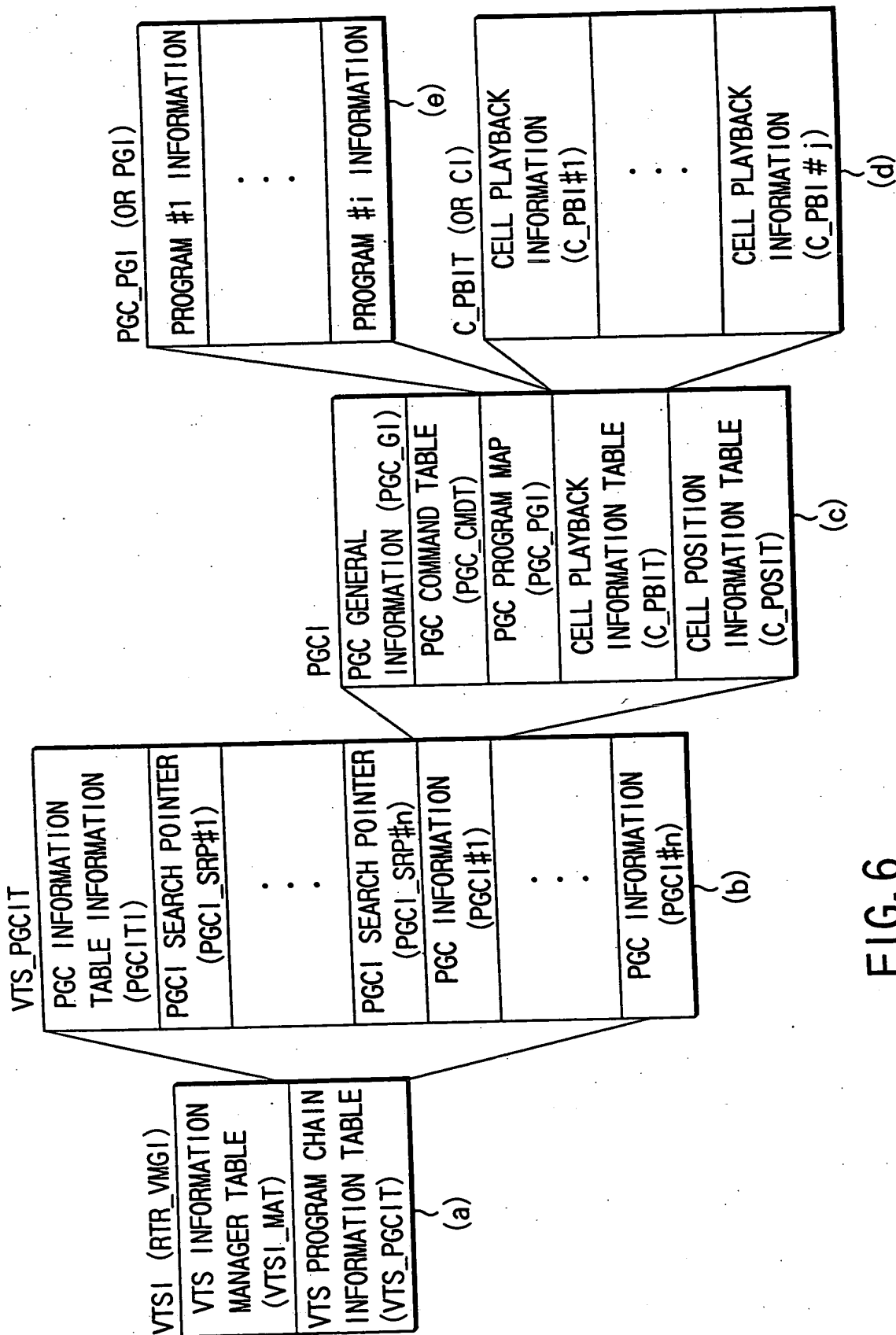


FIG. 6

C_PBI (OR CELL INFORMATION CI)

RBP		CONTENTS	NUMBER OF BYTES
0 TO 3	C_CAT		
4 TO 7	C_PBTM		
8 TO 11	C_FVOBU_SA		
12 TO 15	C_FVOBU_EA		
16 TO 19	C_LVOBU_SA		
20 TO 23	C_LVOBU_EA		
24 TO 51	PRIMARY TEXT INFORMATION	RECORDING START TIME STAMP (YEAR;4B, MONTH;4B, HOUR/MIN;3B)	11 BYTES
		RECORDING END TIME STAMP (YEAR;4B, MONTH;4B, HOUR/MIN;3B)	11 BYTES
		SOURCE NAME & TV CHANNEL NUMBER	6 BYTES
52 TO 53	ITEM Number OF TEXT	TEXT ITEM NUMBER	2 BYTES
		TOTAL	54 BYTES

FIG. 7

PROGRAM INFORMATION PGI

RBP		CONTENTS	NUMBER OF BYTES
0 TO 0	EN_CN	ENTRY CELL NUMBER	1 BYTE
1 TO 29	PRIMARY TEXT INFORMATION	RECORDING START TIME STAMP (YEAR;4B, MONTH;4B, HOUR/MIN;3B)	11 BYTES
		RECORDING START TIME STAMP (YEAR;4B, MONTH;4B, HOUR/MIN;3B)	11 BYTES
		SOURCE NAME & TV CHANNEL NUMBER	6 BYTES
30 TO 31	ITEM Number OF TEXT	TEXT ITEM NUMBER	2 BYTES
		TOTAL	32 BYTES

FIG. 8

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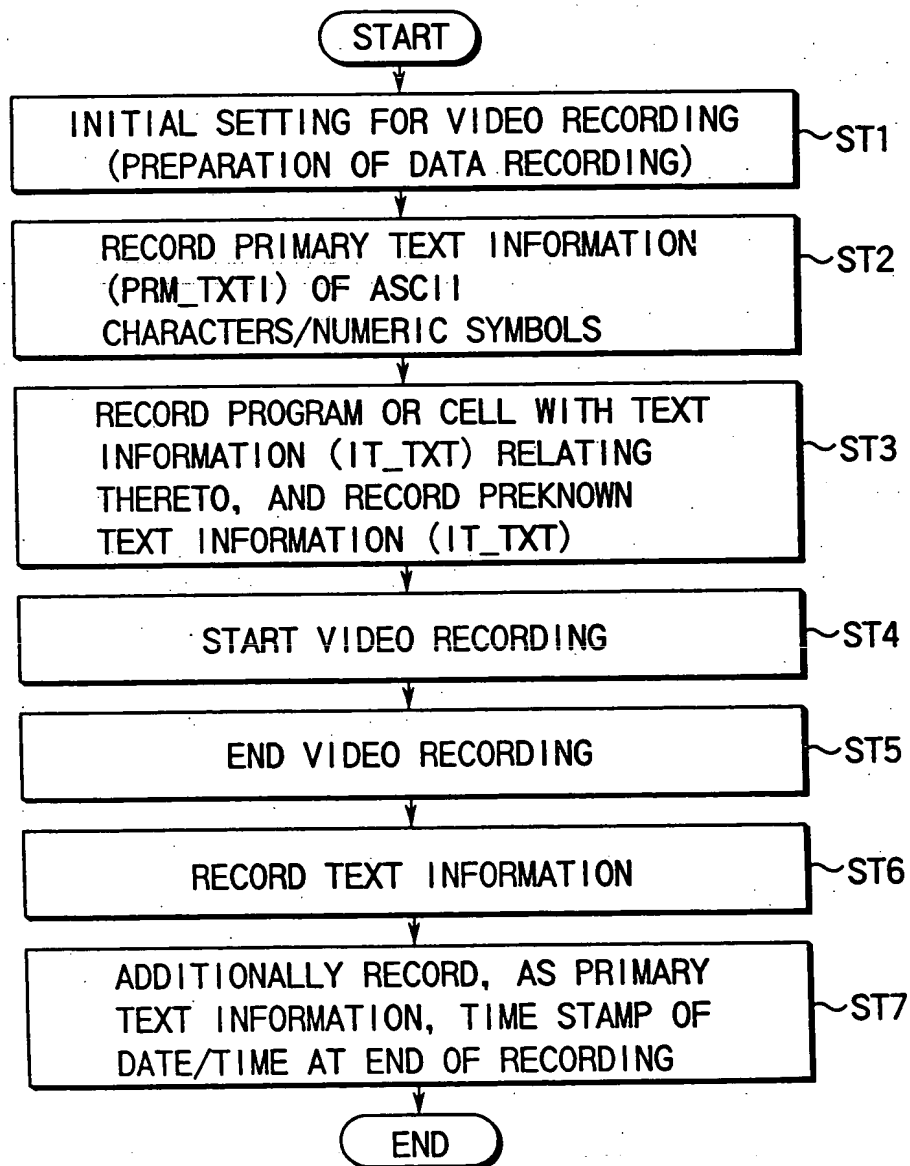


FIG. 9

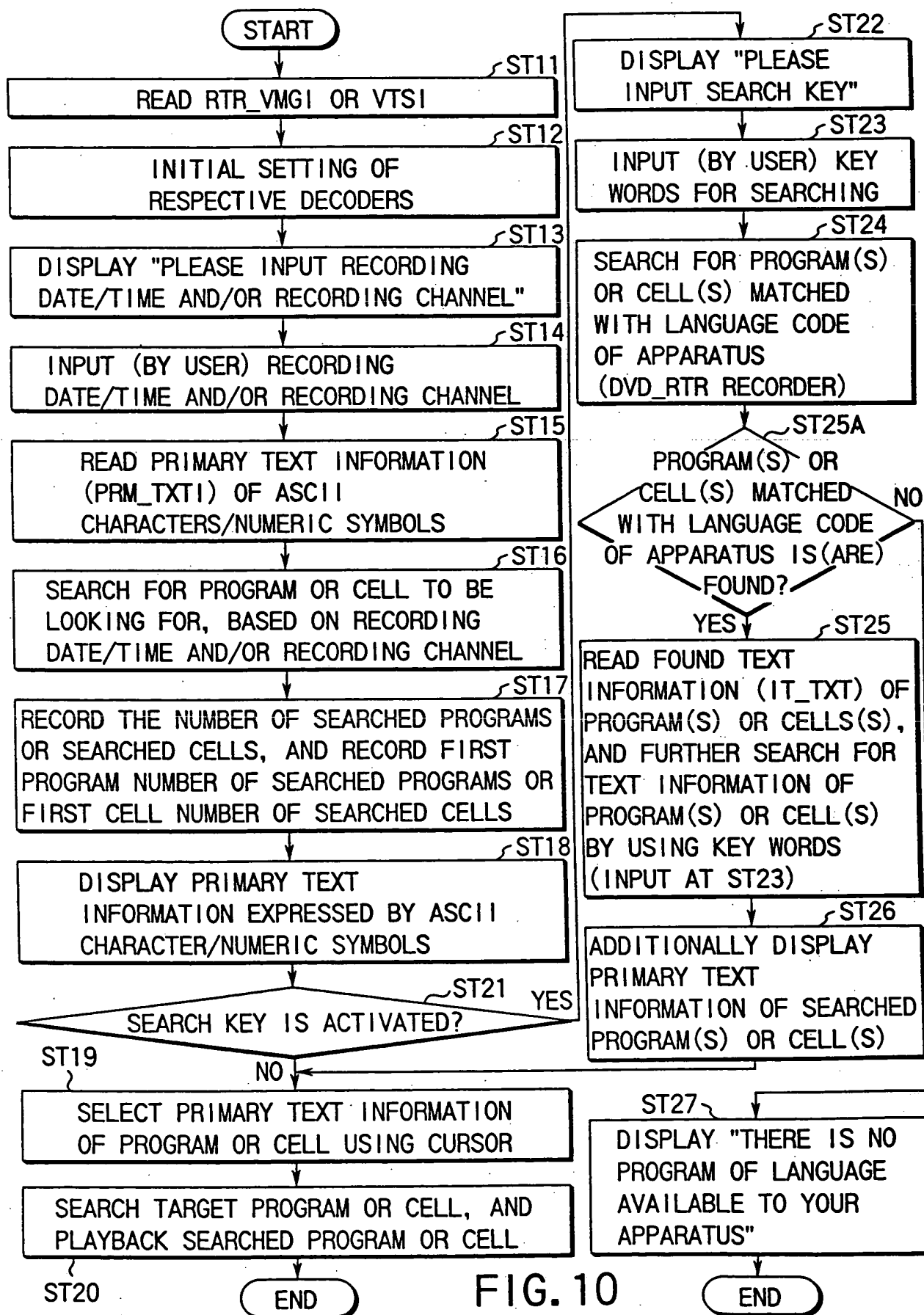


FIG. 10

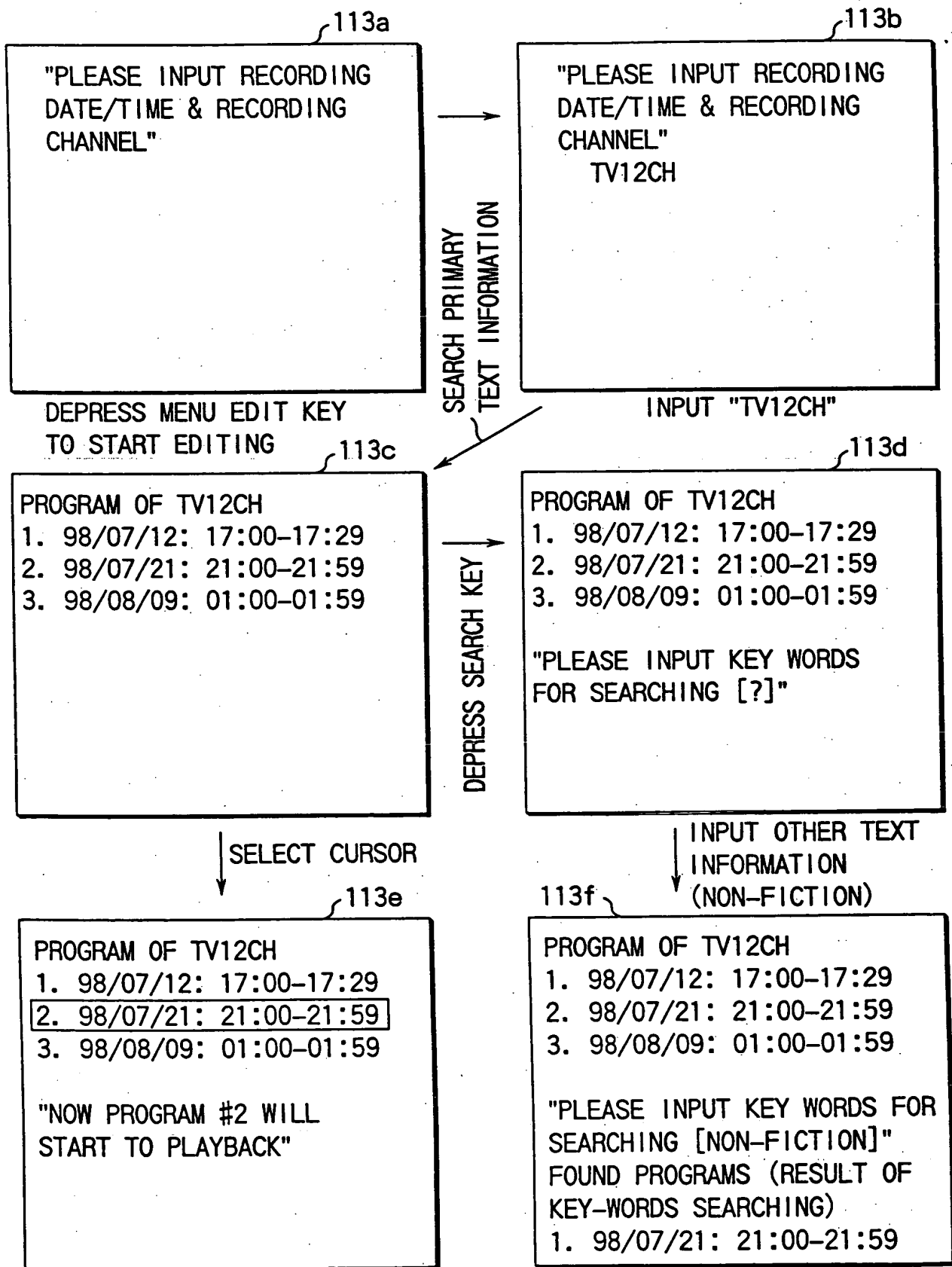


FIG. 11

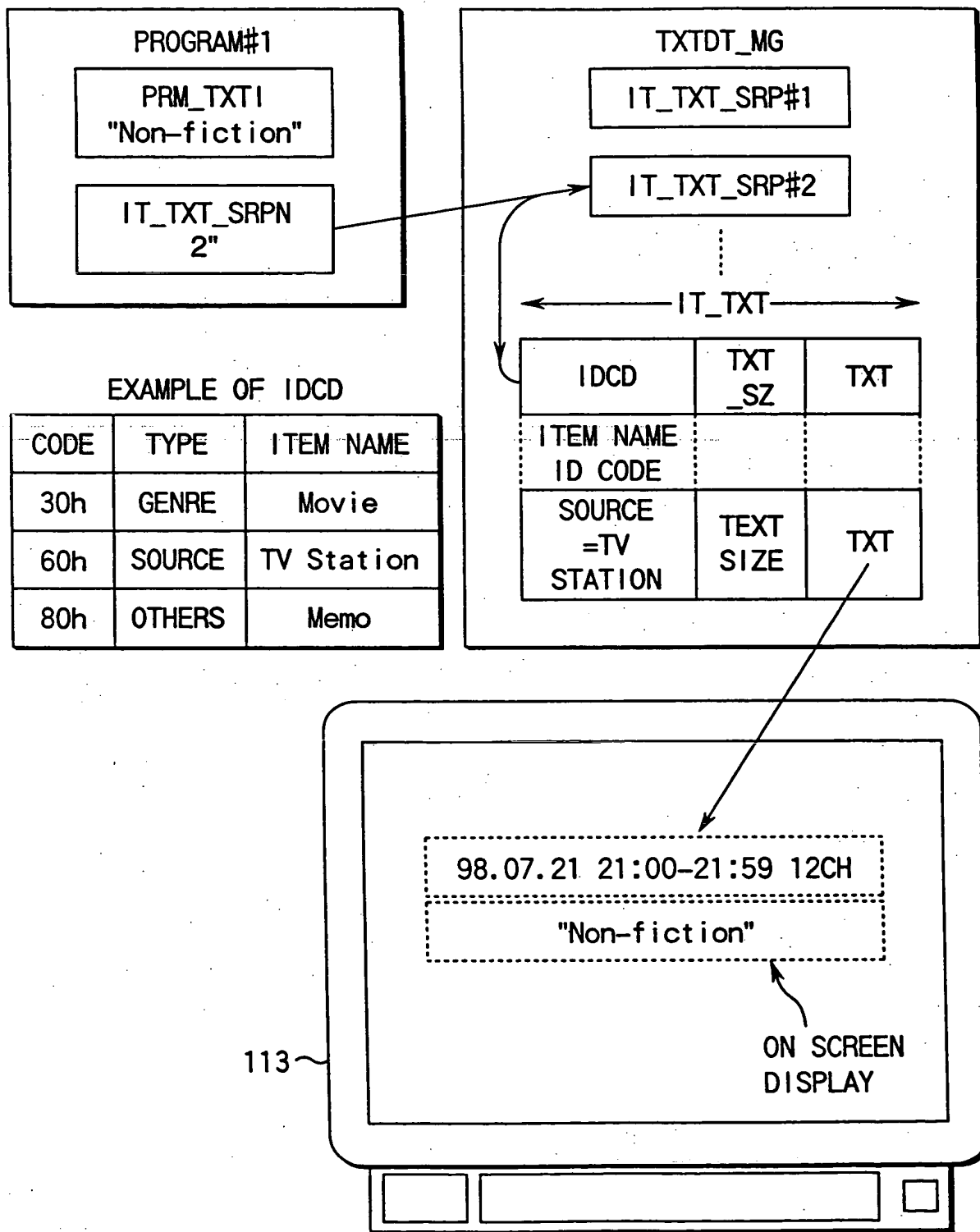


FIG. 12

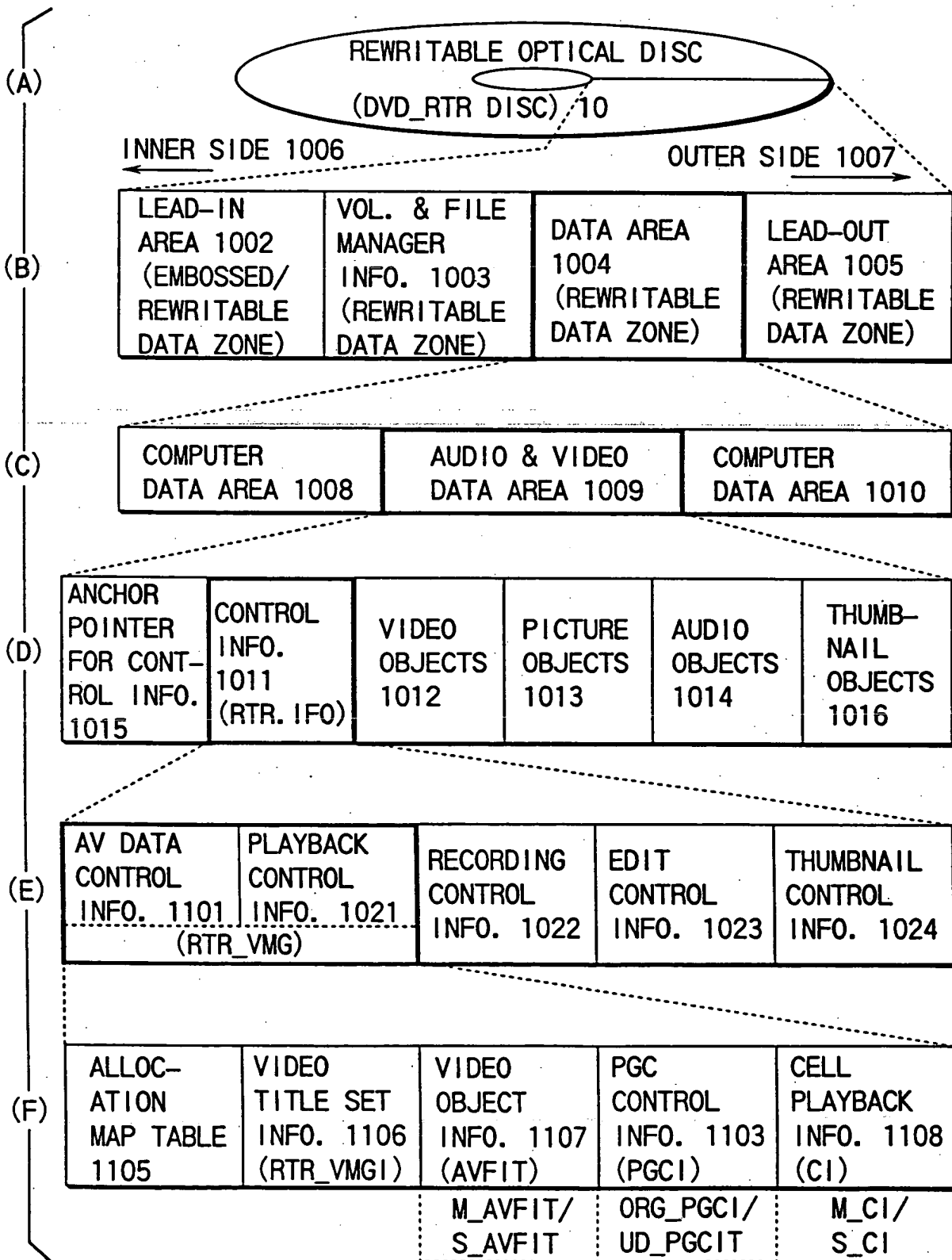


FIG. 13

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ROOT DIRECTORY 1450

SUB DIRECTORY 1451

REWITABLE TITLE SET RW_VTS 1452
(DVD_RTR DIRECTORY) (DVD_RTAV)

RTR=REAL TIME RECORDING DATA FILES 1453

CONTROL INFORMATION 1011
=RW_VIDEO_CONTROL.IFO (RTR.IFO)
(VR_MANGR.IFO)

BACKUP OF CONTROL INFO.
=RW_VIDEO_CONTROL.BUP (VR_MANGR.BUP)

AV FILE 1401 (RTR DATA)
=RW_OBJECT.OB

VIDEO OBJECT (RTR_MOV.VRO)
(VR_MOVIE.VRO) 1012

PICTURE OBJECT (RTR_STO.VRO)
(VR_STILL.VRO) 1013

AUDIO OBJECT (RTR_STA.VRO)
(VR_AUDIO.VRO) 1014

THUMBNAIL OBJECT 1016

REWITABLE ADDITIONAL INFO. 1454
=RW_ADD.DAT

SUB DIRECTORY 1451

VIDEO TITLE SET VIDEO_TS (OR VTS) 1455

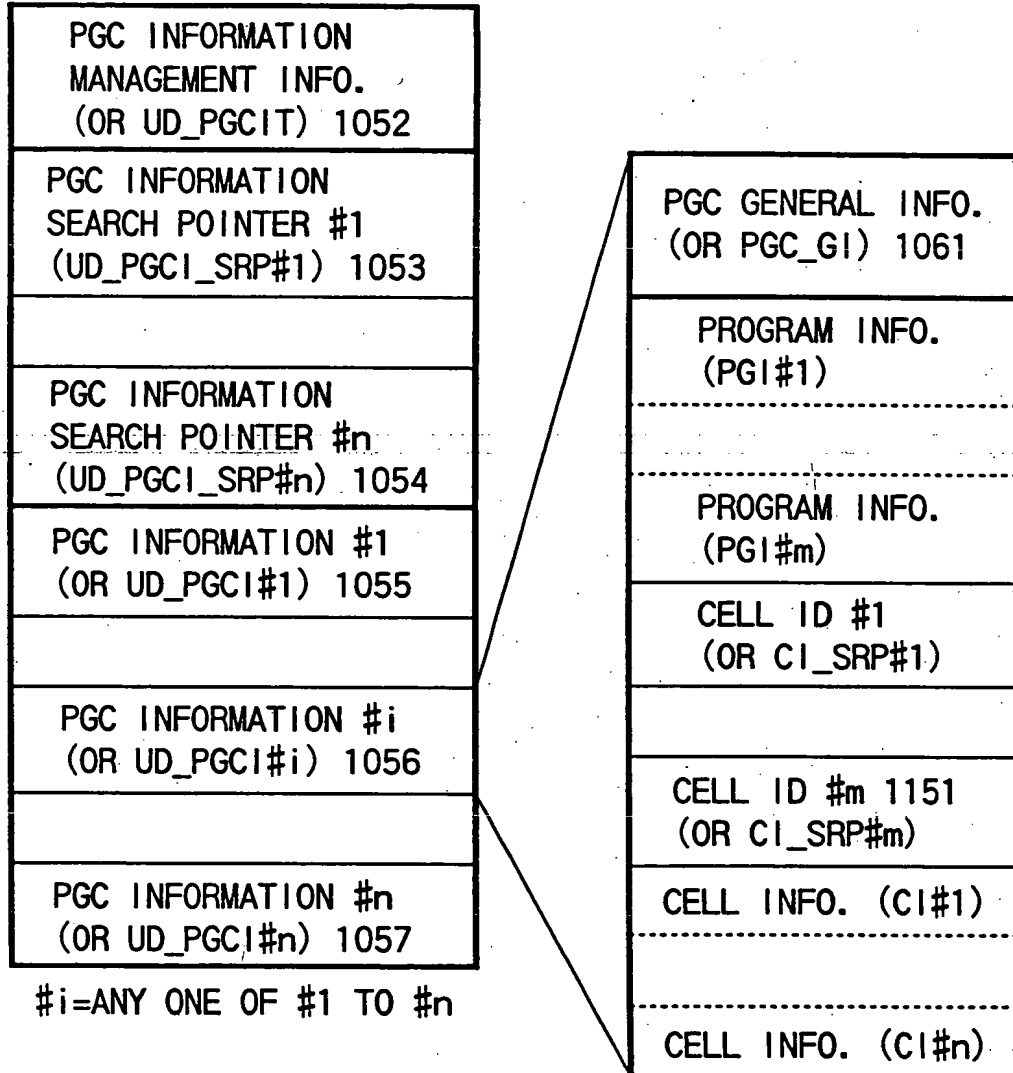
AUDIO TITLE SET AUDIO_TS (OR ATS) 1456

SUB DIRECTORY FOR COMPUTER DATA STORAGE 1457

FIG. 14

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PGC CONTROL INFO. (OR UD_PGCIT) 1103



- *1> PGC INFORMATION (OR UD_PGCI) CAN DEFINE
A GROUP OF ONE OR MORE PROGRAMS;
- *2> EACH PROGRAM CAN BE FORMED OF ONE OR MORE CELLS;
- *3> EACH CELL CAN BE SPECIFIED BY CELL ID (OR CI_SRP);
- *4> EACH CELL ID (OR CI_SRP) CAN INDICATE POSITION
(OR START ADDRESS) OF CELL INFORMATION (OR CI);
- *5> EACH CELL INFORMATION (OR CI) CAN DETERMINE
START TIME AND END TIME OF PRESENTATION OF CELL

FIG.15

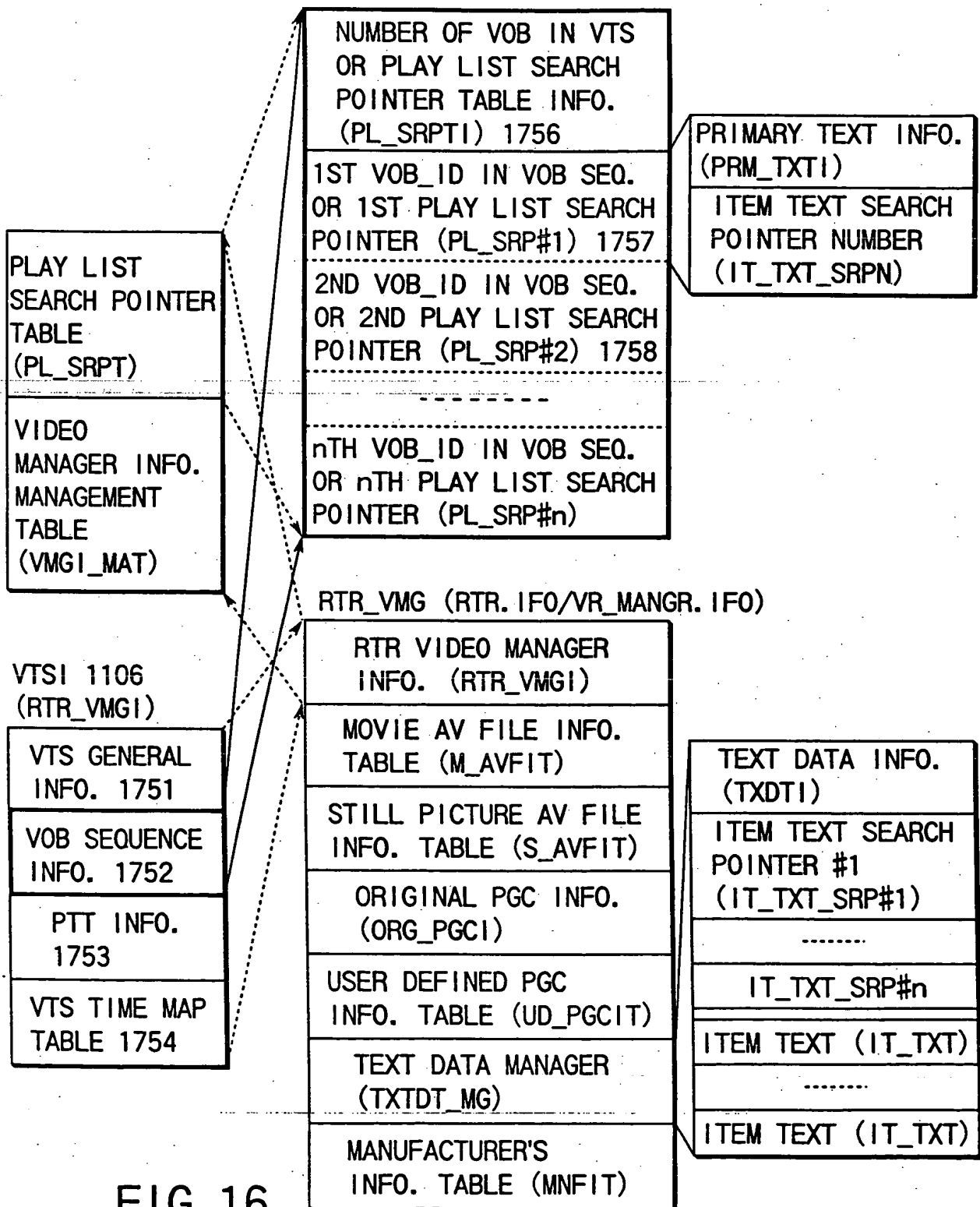


FIG. 16



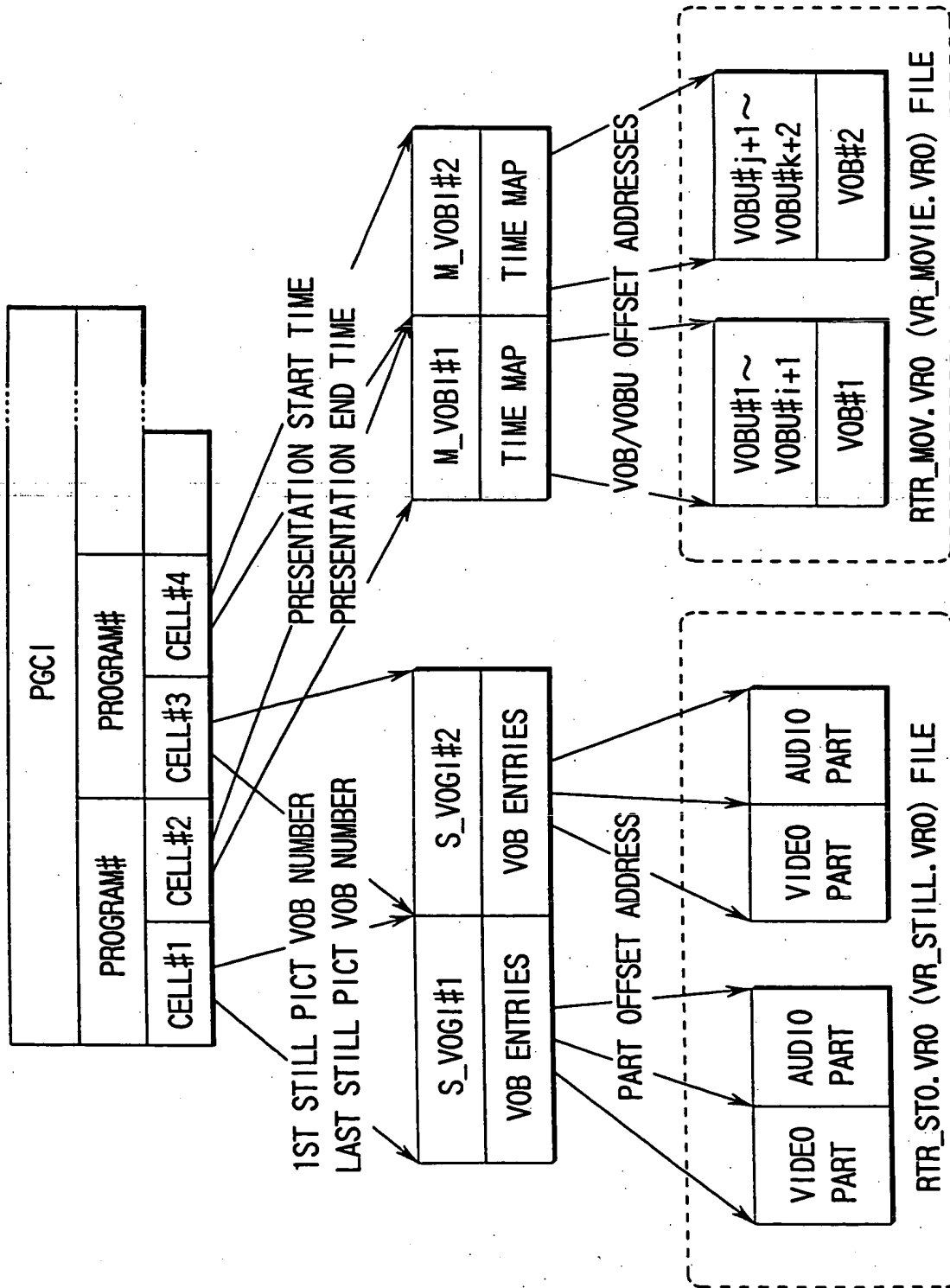


FIG. 18